

Remarks

Applicant has amended claims 3, 8-9, 12, 14, 17, 19 and 22.

Examiner objected to claims 3, 8-9, 12, 14, 17 and 19. Specifically, the Examiner stated:

Claims 3, 8-9, 12, 14, 17 and 19 are objected to because of the following informalities: the recitation of "100" should read -110 - as originally filed. Appropriate correction is required.

Applicant has amended claims 3, 8-9, 12, 14, 17 and 19 to correct the informalities noted by the Examiner which relate to inadvertent drafting errors and not to issues of patentability. As such, Applicant respectfully requests the Examiner to withdraw this objection.

Examiner rejected claims 3-5, 8-9, 12, 14, 17, 19-20 and 22-24 under 35 U.S.C. 102(b). Specifically, the Examiner stated:

Claims 3-5, 8-9, 12, 14, 17, 19-20 and 22-24 are rejected under U.S.C. 102(b) as being anticipated by Gammons et al. Figures 1 and 4 disclose the border seal being "rippled with no sharp changes in direction (curvilinear ripples)." Figures 1 and 5 disclose the fence being "rippled with no sharp changes in direction (curvilinear ripples)." Regarding claims 17 and 19, Gammons et al (column 1, lines 11-13) discloses a system comprising a heat transfer device; and pump in combination with a heat exchange panel.

Applicant has amended claims 3, 8, 12, 17, and 22 to more clearly define the present invention. Applicant respectfully traverses the Examiners' rejection.

Applicant respectfully submits that the Examiner is incorrect when he asserts that:

(a) Figures 1 and 4 of Gammons et al. disclose a border seal being "rippled with no sharp changes in direction (curvilinear ripples)"; and (b) Figures 1 and 5 of Gammons et al. disclose a fence being "rippled with no sharp changes in direction (curvilinear ripples)."

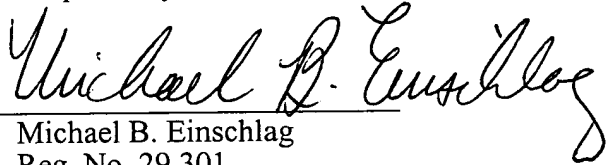
As pointed out in the "Description of the Prior Art" of the present patent application, at p. 4, lines 7-15 (in conjunction with Figs. 1a and 2a): "The panel 200 differs from the panel 100 by having trapezoid and triangular shaped wrinkles in the border 206 and the fences 208. The wrinkles reduce the tendency to buckle when the panel 200 is inflated and

enable the panel 200 to conform better to complex shapes as compared to panel 100. **However, the hard corners of the wrinkles decrease the laminar flow of the liquid 120 enabling thermal zones of warmer liquid to form, thereby reducing the performance of the heat exchange panel 200.** (Emphasis added)“ Applicant respectfully submits that the borders and fences of Fig. 2a of the present patent application are like the borders and fences of Figs. 1 and 5 of Gammons et al. In addition, Applicant respectfully submits that Fig. 3a of the present patent application illustrates: (a) how inventive curvilinear borders of relevant claims differ from those disclosed in Gammons et al. which have hard corners; and (b) how inventive curvilinear fences of relevant claims differ from those disclosed in Gammons et al. which have hard corners. As such, Applicant respectfully submits that Gammons et al. does not anticipate claims 3-5, 8-9, 12, 14, 17, 19-20 and 22-24.

In light of the above, Applicant respectfully requests the Examiner to withdraw this rejection.

In light of the above, Applicant respectfully submits that all the remaining claims are allowable, and Applicant respectfully requests that the Examiner reconsider the case and pass the case to issue. Should the Examiner have any questions or wish to discuss any aspect of the application, a telephone call to the undersigned would be welcome.

Respectfully submitted,

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